

- Present: Roger, Ron Moore, Eric P, Keith G, me, Ioanis K, Peter L, Valeri L, Paul D, Paul C.,
- Proton Source
  - Linac - LLRF Studies
  - LRF2 PA about to die.
  - Running on the I- source now, which is running source.
  - Deciding if we pull the H- source.
  - MTA beam people want to get in to do network. We will do what we can when the opportunity presents itself.
- Main Injector
  - MiniBooNE starts today -
  - Changed thermocouple electronics upstairs.
  - Change curves during parabola. Limited how much voltage in early parabola. Voltage has to be low enough to avoid sparking on the tuners.
  - Continue studies - nice to get profiles of beam on target at 4e12 and look at numi otr.
  - Pbar dampers are working. Seeing damping of +- 2mm in 60 turns.
  - Spending a lot of time on barrier bucket stacking - want to demonstrate that we can do barrier bucket fast with multiple batches. Then want to see what the problems are at high intensities.
  - Access
- Pbar
  - Leg 3 needed to get the benefits of the optics.
  - Target module - moved to the third and last disk. Should last until early May.
  - Target sweeping. Tor109 is right next to this. There is another toroid US. BBM.
  - Lens - tried to increase lens gradient. - no increase. Back to 758.
  - Pulsed magnet. - suspect that it has dropped pieces in aperture. Next vault access, camera on a stick.
  - Debuncher - 30mA/hr into the Debuncher.
- NuMi
  - 2.2 sec cycle time
- Recycler
  - Working on procedures for inj. So as flux goes up, ready for it.
  - Exploring the tails.
  - Morphing is part of normal operations for extractions. Speeded up extraction.
  - Continuing on optics change program.
  - Thinking about exploring other areas of tune diagram. Do do this, have to make tune trombone longer, needs more tune quadruples. Need to make up mind soon.
  - Access requests - Dixon in tunnel to map out where to put in kicker penetrations for Nova projects.
  - New intensity algorithm.
- Ext beams
  - Sy120 beam - working on getting intensity up. E906 - meson or ktev?
  - Neutrino - MB - beam back today.
  - NuMI - 90% up time...
- Tevatron
  - Sextupoles commissioning. Need another shift to try to run at zero.
  - Access to flip polarities of elements...
  - Studies
  - Then implement them.
  - a
  - Parsed the squeeze
  - Asking them to provide more information....ready to show in more detail.
  - Crystal collimator -realigned....what hoops to jump through.
- SDA

- DC02 - Pauls Plots
- Beams-sda -
- New integrated
- Mi8 emittances, reboot.